



**CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)**  
**SOUTHERN ZONE**  
**FORM FOUR JOINT EXAMINATIONS - 2021**

**THOMAS MORE S. SCHOOL**  
**FORM FOUR SUBJECTS PERFORMANCE REPORT - 2021**

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| PHYSICS      | 10     | 0        | 10     | 0      | 3.2000 | 5/50           | 1/6        | 5/50           |

GRADE : A=0; B=0; C=8; D=2; F=0;

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION                                 | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |  |                |               |              |               |
| Question 1     | 10    | Multiple choices   | 10             | 9             | 5            | 8.60          |
| Question 2     | 5     | Thermionic emission  | 10             | 5             | 4            | 4.90          |
| Question 3     | 10    | Newton's law's of motion                                     | 10             | 6             | 0            | 1.80          |
| Question 4     | 10    | Waves  | 10             | 4             | 0            | 1.20          |
| Question 5     | 10    | Transfer of thermal energy and heating effect of electricity | 10             | 4             | 0            | 2.10          |
| Question 6     | 10    | Radioactivity  | 10             | 4             | 0            | 1.10          |
| Question 7     | 10    | Equilibrium  | 10             | 7             | 0            | 3.80          |
| Question 8     | 10    | Light part two   | 10             | 7             | 3            | 4.70          |
| Question 9     | 12.5  | Electronics  | 8              | 3             | 0            | 1.13          |
| Question 10    | 12.5  | Electronics  | 0              | 0             | 0            | 0.00          |
| Question 11    | 12.5  | Current electricity and electromagnetism                     | 9              | 8             | 5.5          | 7.11          |
| Question 12    | 12.5  | Elementary astronomy and geophysics                          | 2              | 6             | 5            | 5.50          |
| <b>PAPER 2</b> |       |  |                |               |              |               |
| Question 1     | 25    | Mechanics (principle of moments)                             | 10             | 22            | 16           | 18.75         |
| Question 2     | 25    | Light  | 10             | 25            | 15.5         | 19.25         |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| CHEMISTRY    | 15     | 0        | 15     | 0      | 3.4667 | 13/49          | 2/6        | 13/49          |

GRADE : A=0; B=0; C=8; D=7; F=0;

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION  | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|---|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |   |                |               |              |               |
| Question 1     | 10    | Multiple choices  | 15             | 8             | 4            | 6.87          |
| Question 2     | 5     | Compound of metals  | 15             | 5             | 5            | 5.00          |
| Question 3     | 7     | Chemical kinetic, equilibrium, non-metals and their compounds                                 | 13             | 3             | 0            | 1.23          |
| Question 4     | 7     | Water, mole concept   | 14             | 7             | 1            | 2.57          |
| Question 5     | 7     | Formula, bonding and nomenclature   | 15             | 5             | 1            | 3.07          |
| Question 6     | 7     | Non-metal and their compounds, Volumetric analysis  | 15             | 3             | 0            | 0.53          |
| Question 7     | 7     | Non-metals and their compounds  | 15             | 6             | 0            | 3.67          |
| Question 8     | 7     | Non-metals and their compounds, electrolysis (ionic theory and electrolysis)                  | 15             | 0             | 0            | 0.00          |
| Question 9     | 7     | Laboratory safety and techniques, formula, bonding and nomenclature, organic chemistry        | 15             | 4             | 0            | 2.87          |
| Question 10    | 7     | Volumetric analysis   | 15             | 7             | 0            | 2.47          |
| Question 11    | 7     | Compound of metals  | 12             | 6             | 0            | 3.42          |
| Question 12    | 7     | Metal extraction, chemical kinetics, equilibrium and energetics, non-metal and their compound | 13             | 4             | 1            | 1.62          |
| Question 13    | 15    | Soil chemistry  | 2              | 0             | 0            | 0.00          |
| Question 14    | 15    | Pollution   | 13             | 10            | 1            | 7.46          |
| <b>PAPER 2</b> |       |   |                |               |              |               |
| Question 1     | 25    | Volumetric analysis   | 15             | 22            | 10           | 16.53         |
| Question 2     | 25    | Chemical kinetics, equilibrium and energetics   | 15             | 17            | 10           | 14.33         |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BIOLOGY      | 33     | 0        | 33     | 0      | 3.4848 | 24/50          | 2/6        | 24/50          |

GRADE : A=0; B=0; C=17; D=16; F=0;

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| <b>PAPER 1</b> |       |                              |                |               |              |               |
| Question 1     | 10    | Multiple choices             | 33             | 9             | 2            | 5.94          |
| Question 2     | 5     | Matching items               | 33             | 5             | 0            | 3.91          |
| Question 3     | 6     | Introduction to biology      | 33             | 6             | 1            | 4.32          |
| Question 4     | 6     | Nutrition                    | 33             | 6             | 0            | 3.06          |
| Question 5     | 6     | eproduction                  | 33             | 4             | 0            | 2.24          |

| NUMBER         | MARKS | TOPIC / QUESTION DESCRIPTION                   | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|----------------|-------|--|----------------|---------------|--------------|---------------|
| Question 6     | 6     | Growth   | 33             | 5             | 0            | 1.14          |
| Question 7     | 6     | Genetics                                       | 33             | 6             | 0            | 2.65          |
| Question 8     | 6     | Movement                                       | 32             | 5.5           | 0            | 0.58          |
| Question 9     | 6     | Regulation                                     | 32             | 6             | 0            | 2.50          |
| Question 10    | 6     | Health and immunity, gaseous exchange          | 32             | 5.5           | 0            | 3.84          |
| Question 11    | 6     | Balance of nature                              | 33             | 6             | 0            | 4.45          |
| Question 12    | 6     | Reproduction, HIV and STDs                     | 33             | 6             | 0            | 4.61          |
| Question 13    | 15    | Health, immunity and disease                   | 31             | 9             | 0            | 5.02          |
| Question 14    | 10    | Nutrition                                      | 31             | 9             | 3            | 5.65          |
| Question 15    | 10    | Reproduction in flowering plants               | 4              | 8             | 0            | 5.00          |
| <b>PAPER 2</b> |       |  |                |               |              |               |
| Question 1     | 25    | Coordination / Classification and reproduction | 33             | 13            | 1            | 5.76          |
| Question 2     | 25    | Nutrition / Classification                     | 33             | 19            | 4.5          | 12.48         |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>GEOGRAPHY</b> | 33     | 0        | 31     | 2      | 3.6667 | 23/50          | 2/6        | 23/50          |

**GRADE : A=0; B=0; C=13; D=18; F=2;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION                         | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choices                                     | 33             | 7             | 0            | 2.58          |
| Question 2  | 5     | Forces that affect the Earth                         | 33             | 3             | 0            | 0.67          |
| Question 3  | 11    | Map reading and interpretation                       | 33             | 6             | 0            | 1.65          |
| Question 4  | 11    | Statistics   | 33             | 9.5           | 2.5          | 7.08          |
| Question 5  | 11    | Forces that affect the Earth, structure of the Earth | 31             | 9             | 0            | 4.95          |
| Question 6  | 11    | Research   | 33             | 10            | 0            | 2.88          |
| Question 7  | 11    | Photograph reading and interpretation                | 32             | 11            | 2            | 5.84          |
| Question 8  | 15    | Human population                                     | 5              | 12            | 1            | 5.70          |
| Question 9  | 15    | Power and energy resources                           | 33             | 13            | 3            | 9.68          |
| Question 10 | 15    | Environment issue and management                     | 24             | 13            | 1            | 7.71          |

| SUBJECT NAME  | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|---------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>CIVICS</b> | 33     | 0        | 27     | 6      | 3.6364 | 28/50          | 3/6        | 28/50          |

**GRADE : A=2; B=2; C=8; D=15; F=6;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION    | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choices                | 33             | 8             | 0            | 4.15          |
| Question 2  | 5     | Matching items                  | 33             | 5             | 0            | 3.58          |
| Question 3  | 5     | Passage (democracy)             | 32             | 3             | 0            | 1.59          |
| Question 4  | 5     | Our nation                      | 31             | 5             | 0            | 2.71          |
| Question 5  | 5     | Culture                         | 31             | 5             | 0            | 3.40          |
| Question 6  | 5     | Culture                         | 30             | 4.5           | 0            | 1.12          |
| Question 7  | 5     | Globalization                   | 33             | 5             | 0            | 3.35          |
| Question 8  | 5     | Economic and social development | 33             | 5             | 0            | 3.15          |
| Question 9  | 5     | Poverty                         | 33             | 3             | 0            | 0.36          |
| Question 10 | 5     | Democracy                       | 33             | 3             | 0            | 0.80          |
| Question 11 | 15    | Culture                         | 12             | 14            | 0            | 3.50          |
| Question 12 | 15    | Poverty                         | 22             | 14            | 0            | 6.59          |
| Question 13 | 15    | Globalization                   | 26             | 13            | 0            | 5.50          |
| Question 14 | 15    | Human rights                    | 30             | 14            | 1            | 8.67          |

| SUBJECT NAME                 | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIocese / RANK |
|------------------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| <b>LITERATURE IN ENGLISH</b> | 33     | 0        | 14     | 19     | 4.5152 | 20/24          | 4/4        | 20/24          |

**GRADE : A=0; B=0; C=2; D=12; F=19;**

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 15    | Multiple choice (theories)   | 33             | 5             | 0            | 1.21          |
| Question 2  | 5     | Matching items (theories)    | 33             | 3             | 0            | 1.24          |
| Question 3  | 10    | Literary devices (theories)  | 28             | 4             | 0            | 1.71          |
| Question 4  | 10    | Poem (poetry)                | 33             | 8             | 0            | 3.79          |
| Question 5  | 10    | Dramatic terms               | 21             | 6             | 0            | 3.12          |
| Question 6  | 10    | Language and literature      | 33             | 9             | 0            | 3.15          |
| Question 7  | 15    | Poetry                       | 33             | 11.5          | 0            | 7.41          |
| Question 8  | 15    | Novel                        | 3              | 10            | 7.5          | 8.50          |
| Question 9  | 15    | Play                         | 30             | 12            | 1            | 2.43          |
| Question 10 | 15    | Novel                        | 33             | 13            | 0            | 4.94          |

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|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| KISWAHILI    | 33     | 0        | 33     | 0      | 3.0909 | 16/50          | 3/6        | 16/50          |

GRADE : A=0; B=3; C=24; D=6; F=0;

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|------------------------------|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Swali la machaguo            | 33             | 9             | 0            | 6.55          |
| Question 2  | 5     | Kuoanisha kipengele A na B   | 33             | 5             | 2            | 4.39          |
| Question 3  | 4     | Ngeli za nomino              | 31             | 4             | 1            | 2.35          |
| Question 4  | 4     | Matumizi ya lugha            | 32             | 4             | 0            | 1.97          |
| Question 5  | 8     | Mjengo wa tungo              | 33             | 5             | 0            | 1.64          |
| Question 6  | 8     | Fasihi andishi (riwaya)      | 33             | 8             | 1            | 3.70          |
| Question 7  | 8     | Ufahamu na barua             | 30             | 6             | 2            | 4.07          |
| Question 8  | 8     | Uandishi wa barua            | 31             | 8             | 2            | 6.26          |
| Question 9  | 15    | Maendeleo ya kiswahili       | 29             | 14            | 6            | 9.28          |
| Question 10 | 15    | Fasihi andishi(ushairi)      | 31             | 13            | 0            | 6.81          |
| Question 11 | 15    | Fasihi andishi(riwaya)       | 3              | 10.5          | 0            | 3.50          |
| Question 12 | 15    | Fasihi andishi(tamthilia)    | 30             | 14            | 3            | 8.62          |

| SUBJECT NAME     | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| ENGLISH LANGUAGE | 33     | 0        | 33     | 0      | 2.8485 | 20/50          | 3/6        | 20/50          |

GRADE : A=1; B=6; C=23; D=3; F=0;

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION              | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1  | 10    | Multiple choice                           | 33             | 9             | 2            | 6.88          |
| Question 2  | 5     | Matching items                            | 33             | 5             | 0            | 4.06          |
| Question 3  | 4     | Arrangement of sentences                  | 33             | 2             | 0            | 1.79          |
| Question 4  | 4     | The use of pronouns (possessive pronouns) | 33             | 4             | 3            | 3.61          |
| Question 5  | 8     | Conjunctions                              | 32             | 6             | 0            | 3.94          |
| Question 6  | 8     | Verb (auxiliary verb 'DO')                | 33             | 2             | 0            | 0.73          |
| Question 7  | 8     | Structure                                 | 33             | 8             | 0            | 1.45          |
| Question 8  | 8     | Reported speech                           | 24             | 8             | 0            | 3.00          |
| Question 9  | 15    | Composition                               | 24             | 12            | 6.5          | 9.67          |
| Question 10 | 15    | Poetry                                    | 11             | 12            | 0            | 6.00          |
| Question 11 | 15    | Plays                                     | 31             | 14            | 2            | 10.79         |
| Question 12 | 15    | Novels                                    | 32             | 13            | 7            | 11.27         |

| SUBJECT NAME | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|--------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| HISTORY      | 33     | 0        | 27     | 6      | 3.8788 | 19/50          | 1/6        | 19/50          |

GRADE : A=0; B=0; C=10; D=17; F=6;

| NUMBER     | MARKS | TOPIC / QUESTION DESCRIPTION                       | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|------------|-------|--|----------------|---------------|--------------|---------------|
| Question 1 | 15    | Multiple choices                                   | 33             | 9             | 2            | 4.64          |
| Question 2 | 5     | Matching items                                     | 33             | 4             | 0            | 1.56          |
| Question 3 | 12    | Short answers                                      | 33             | 5.5           | 0            | 1.39          |
| Question 4 | 12    | Arranging sentences                                | 33             | 4             | 0            | 1.70          |
| Question 5 | 11    | Map question                                       | 33             | 9             | 0            | 4.42          |
| Question 6 | 15    | Nationalism and decolonization                     | 33             | 9             | 3            | 6.02          |
| Question 7 | 15    | Economic activities and their impact               | 33             | 13.5          | 3            | 9.33          |
| Question 8 | 15    | Colonial economy                                   | 31             | 14            | 5            | 10.50         |
| Question 9 | 15    | Changes in social, political and economic policies | 2              | 11            | 1            | 6.00          |

| SUBJECT NAME      | REGIST | WITHHELD | PASSED | FAILED | GPA    | OVERALL / RANK | REG / RANK | DIOCESE / RANK |
|-------------------|--------|----------|--------|--------|--------|----------------|------------|----------------|
| BASIC MATHEMATICS | 33     | 0        | 4      | 29     | 4.8485 | 30/50          | 5/6        | 30/50          |

GRADE : A=0; B=0; C=1; D=3; F=29;

| NUMBER      | MARKS | TOPIC / QUESTION DESCRIPTION                  | NO OF STUDENTS | HIGHEST SCORE | LOWEST SCORE | AVERAGE SCORE |
|-------------|-------|---|----------------|---------------|--------------|---------------|
| Question 1  | 6     | Approximations and numbers                    | 33             | 6             | 0            | 3.64          |
| Question 2  | 6     | Exponents, radicals and logarithms            | 33             | 3             | 0            | 0.48          |
| Question 3  | 6     | Sets and logarithms                           | 33             | 3             | 0            | 0.18          |
| Question 4  | 6     | Coordinate geometry and vectors               | 33             | 2.5           | 0            | 0.32          |
| Question 5  | 6     | Areas and perimeters                          | 33             | 3             | 0            | 0.15          |
| Question 6  | 6     | Rates and perimeters                          | 33             | 6             | 1            | 4.91          |
| Question 7  | 6     | Ratio, profit and loss, accounts              | 33             | 3             | 0            | 0.64          |
| Question 8  | 6     | Sequence and series                           | 33             | 2             | 0            | 0.15          |
| Question 9  | 6     | Trigonometry                                  | 33             | 6             | 0            | 0.48          |
| Question 10 | 6     | Quadratic equation                            | 33             | 6             | 0            | 0.80          |
| Question 11 | 10    | Circles and statistics                        | 33             | 6             | 0            | 2.42          |
| Question 12 | 10    | Three dimensional figures and Earth as sphere | 33             | 6             | 0            | 2.08          |

| <b>NUMBER</b> | <b>MARKS</b> | <b>TOPIC / QUESTION DESCRIPTION</b> | <b>NO OF STUDENTS</b> | <b>HIGHEST SCORE</b> | <b>LOWEST SCORE</b> | <b>AVERAGE SCORE</b> |
|---------------|--------------|-------------------------------------|-----------------------|----------------------|---------------------|----------------------|
| Question 13   | 10           | Matrices and transformation         | 33                    | 8                    | 0                   | 2.45                 |
| Question 14   | 10           | Linear programming and functions    | 33                    | 8                    | 0                   | 1.24                 |